

A<sup>1</sup>  
82. The method of Claim 79 wherein the antibody has the ability to hydrolytically cleave  $\beta$ -amyloid.

In the Specification:

Please insert the attached Sequence Listing after page 60 of the specification, and renumber the Claims pages to begin with 64.

Amend the second paragraph of Page 7 to read:

A<sup>2</sup>  
Figure 8 is a structural comparison between the native  $\beta$ -amyloid peptide and the transition state phenylalanine statine  $\beta$ -amyloid peptide analog.  $\beta$ -amyloid peptides shown correspond to amino acids 10-13 of SEQ ID NO: 3.

Amend the third paragraph of Page 7 to read:

Figure 9 is a structural comparison between the native  $\beta$ -amyloid peptide and the reduced peptide bond transition state  $\beta$ -amyloid peptide analog.  $\beta$ -amyloid peptides shown correspond to amino acids 10-13 of SEQ ID NO: 3.

Amend the fourth paragraph of Page 7 to read:

Figure 10 is a formulaic representation of the native C-terminal region of  $\beta$ -amyloid, and the phosphoramidate transition state analog of the C-terminal region of  $\beta$ -amyloid ( $A\beta_{35-43}$ ).  $\beta$ -amyloid peptides shown correspond to amino acids 1-9 of SEQ ID NO: 4.

Amend the fifth paragraph of Page 7 to read:

A<sup>5</sup>  
Figure 11 indicates the putative transition state for peptide hydrolysis by zinc peptidases, compared to the phosphonate and phosphoramidate mimics. The  $\beta$ -amyloid peptide fragments shown for the transition-state and phosphoramidate analog are HCRHNCHR (SEQ ID NO: 6). The peptide fragment shown for the phosphonate analog is HCRCHR (SEQ ID NO: 7).

Amend the sixth paragraph of Page 7 to read:

A<sup>6</sup>  
Figure 12 is a structural comparison of the native  $\beta$ -amyloid peptide and the transition state phosphoramidate  $\beta$ -amyloid peptide which has the peptide link between Gly 38 and Val 39 replaced with a phosphoramidate bond. The  $\beta$ -amyloid peptide shown corresponds to amino acid 4-7 of SEQ ID NO: 4.

Attachment 1

Amended paragraphs with corrections shown

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